

CONSOLIDATED CHECKLIST C5
Part 1 of 5 parts

Standards for Owners and Operators of Hazardous Waste Treatment,
Storage, and Disposal Facilities

40 CFR Part 264, Subparts A-G, as of June 30, 1995

as published in the July 1, 1995 CFR

Notes: 1)

Consolidated Checklist C5 is divided into five separate documents/computer files solely for ease of handling its printed and electronic versions. Consolidated Checklist C5 remains one checklist; States must adopt all five portions simultaneously to correctly use this Consolidated Checklist. Note, the prenotes and end notes associated with each part have been placed with the part to which they apply.

2) Subparts B and E were revised by the December 6, 1994, final rule published at 59 FR 62896-62953. Its applicable provisions are included in Revision Checklist 154, which is a consolidation of all the rules associated with the organic air emission standards for tanks, surface impoundments, and container requirements (Subpart CC). EPA strongly recommends States wait and adopt Revision Checklist 154 in its entirety (including all rules published through November 25, 1996) rather than adopting the December 6, 1994, final rule as represented on this consolidated checklist. The December 6, 1994, rule is designated as rule 154.1.

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
SUBPART A - GENERAL							
PURPOSE, SCOPE AND APPLICABILITY							
purpose	*	264.1(a)					
applies to all owners and operators of TSDFs with exceptions	IV A	264.1(b)					
ocean disposal/permit by rule	IV A	264.1(c)					
UIC/permit by rule	IV A	264.1(d)					
POTW/permit by rule	IV A	264.1(e)					
post-authorization rulemaking	IV A	264.1(f)					
		264.1(f)(1)					
		264.1(f)(2)					
		264.1(f)(3)					
exceptions	IV A	264.1(g)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
wastes excluded by 261.5	IV A	264.1(g)(1)					
1 recyclable materials	IV A, 13, 111, 122	264.1(g)(2)					
generator accumulating waste in compliance with 262.34	IV A	264.1(g)(3)					
farmers	IV A, 48	264.1(g)(4)					
enclosed treatment facilities as defined in 260.10	IV A	264.1(g)(5)					
elementary neutralization units as defined in 260.10; compliance with 264.17(b) if owner or operator is diluting hazardous ignitable wastes or reactive wastes to remove the characteristic before land disposal	IV A, 124, 137	264.1(g)(6)					
reserved		264.1(g)(7)					
person involved in treatment or containment activities during an immediate response; list of situations	IV A	264.1(g)(8)(i)					
		264.1(g)(8)(i)(A)					
		264.1(g)(8)(i)(B)					
		264.1(g)(8)(i)(C)					
		264.1(g)(8)(ii)					
		264.1(g)(8)(iii)					
transfer facilities	IV A	264.1(g)(9)					
addition of absorbent materials	IV A	264.1(g)(10)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
†,2 universal waste handlers and transporters handling the listed universal wastes are subject to Part 273 rather than Part 264	142 A	264.1(g)(11)					
	142 B	264.1(g)(11)(i)					
	142 C	264.1(g)(11)(ii)					
	142 D	264.1(g)(11)(iii)					
applies to all facilities that treat, store, or dispose of hazardous waste referred to in 268	34	264.1(h)					
reserved		264.2					
RELATIONSHIP TO INTERIM STATUS STANDARDS							
3 compliance with 265 until final permit issued, except as provided under 40 CFR part 264 subpart S	*,†121	264.3					
IMMINENT HAZARD ACTION							
enforcement actions under RCRA 7003	*	264.4					
SUBPART B - GENERAL FACILITY STANDARDS							
APPLICABILITY							
subpart applies to hazardous waste facilities except as provided in 264.1	*	264.10(a)					
264.18(b) applies only to facilities regulated under Subparts I-O and X	*,45	264.10(b)					
IDENTIFICATION NUMBER							
EPA identification number required	IV A	264.11					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

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				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
REQUIRED NOTICES							
hazardous waste from foreign source	IV A	264.12(a)					
hazardous waste from off-site source	IV A	264.12(b)					
requirements under ownership transfer	IV A	264.12(c)					
GENERAL WASTE ANALYSIS							
analysis required prior to handling any hazardous waste or 264.113(d) non- hazardous waste; what information, at a minimum, the waste analysis must contain	IV A,34, †64,102	264.13(a)(1)					
data to be included in the analysis	IV A,78	264.13(a)(2)					
when analysis must be repeated	IV A	264.13(a)(3)					
	IV A,†64	264.13(a)(3)(i)					
	IV A	264.13(a)(3)(ii)					
inspect each shipment	IV A	264.13(a)(4)					
develop and follow written waste analysis plan:	IV A	264.13(b)					
parameters which will be analyzed	IV A,†64	264.13(b)(1)					
test methods	IV A	264.13(b)(2)					
sampling method	IV A	264.13(b)(3)					
		264.13(b)(3)(i)					
		264.13(b)(3)(ii)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
frequency of reviewing or repeating analysis	IV A	264.13(b)(4)					
analyses from generators	IV A	264.13(b)(5)					
meeting of additional waste analysis requirements	IV A, 16, 34, 79, 154.1	264.13(b)(6)					
for surface impoundments exempted from land disposal restrictions under 268.4(a):	34	264.13(b)(7)					
sampling impoundment contents	34	264.13(b)(7)(i)					
analysis procedures	34	264.13(b)(7)(ii)					
annual removal of residues; criteria:	34, 39, 50	264.13(b)(7)(iii)					
do not meet 268, Subpart D, treatment standards	50	264.13(b)(7)(iii) (A)					
		264.13(b)(7)(iii) (B)					
		264.13(b)(7)(iii) (B)(1)					
where no treatment standards established	50	264.13(b)(7)(iii) (B)(2)					
for owners and operators seeking an exemption to the air emission standards of subpart CC in accordance with 264.1082	154.1	264.13(b)(8)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
the procedures and schedules for waste sampling and analysis, and the analysis of test data to verify the exemption	154.1	264.13(b)(8)(i)					
each generator's notice and certification of the volatile organic concentration in the waste if the waste is received from off-site	154.1	264.13(b)(8)(ii)					
analysis plan for off-site facilities:	IV A	264.13(c)					
procedures for identifying each waste moved at facility	IV A	264.13(c)(1)					
sampling method used to obtain a representative sample	IV A	264.13(c)(2)					
procedures owner or operator will use to determine whether biodegradable sorbent has been added to waste in container	118	264.13(c)(3)					
SECURITY							
prevent unknowing entry and minimize unauthorized entry unless can demonstrate 264.14(a)(1) & (2)	IV A	264.14(a)					
		264.14(a)(1)					
		264.14(a)(2)					
if demonstration not successful:	*	264.14(b)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

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				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
24-hour surveillance	IV A	264.14(b)(1)					
barrier around active portion and control of entry	IV A	264.14(b)(2)(i)					
		264.14(b)(2)(ii)					
sign	IV A	264.14(c)					
GENERAL INSPECTION REQUIREMENTS							
what must be inspected for	IV A	264.15(a)					
develop and follow written schedule	IV A	264.15(b)(1)					
keep schedule at facility	IV A	264.15(b)(2)					
identify items that are to be looked for	IV A	264.15(b)(3)					
frequency of inspection	IV A, 28, 45, 79, 100, 154.1	264.15(b)(4)					
remedy of problems inspection uncovers	IV A	264.15(c)					
recordkeeping	IV A	264.15(d)					
PERSONNEL TRAINING							
personnel complete training to ensure compliance with 264	IV A	264.16(a)(1)					
director of training program	IV A	264.16(a)(2)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
must be designed to respond effectively to emergencies	IV A	264.16(a)(3)					
		264.16(a)(3)(i)					
		264.16(a)(3)(ii)					
		264.16(a)(3)(iii)					
		264.16(a)(3)(iv)					
		264.16(a)(3)(v)					
		264.16(a)(3)(vi)					
timing of instruction	IV A	264.16(b)					
annual review of initial training required at 264.16(a)	IV A	264.16(c)					
recordkeeping	IV A	264.16(d)					
		264.16(d)(1)					
		264.16(d)(2)					
		264.16(d)(3)					
		264.16(d)(4)					
how long training records must be kept	IV A	264.16(e)					
GENERAL REQUIREMENTS FOR IGNITABLE, REACTIVE, OR INCOMPATIBLE WASTES							
precautions to prevent waste ignition or reaction	IV A	264.17(a)					
precautions to prevent specified reactions	IV A	264.17(b)					
		264.17(b)(1)					
		264.17(b)(2)					
		264.17(b)(3)					
		264.17(b)(4)					
		264.17(b)(5)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
documentation of compliance with 264.17(a) or (b)	IV A	264.17(c)					
LOCATION STANDARDS							
seismic considerations:	IV A	264.18(a)					
distance to faults	IV A	264.18(a)(1)					
definitions:	IV A	264.18(a)(2)					
"fault"	IV A	264.18(a)(2)(i)					
"displacement"	IV A	264.18(a)(2)(ii)					
"Holocene"	IV A	264.18(a)(2)(iii)					
floodplains:	IV A	264.18(b)					
if located in 100 year floodplain, special construction, unless:	IV A	264.18(b)(1)					
removal procedures in place	IV A	264.18(b)(1)(i)					
washout would not be hazardous considering specific factors	IV A,45	264.18(b)(1)(ii)					
	IV A	264.18(b)(1)(ii)(A)					
		264.18(b)(1)(ii)(B)					
		264.18(b)(1)(ii) (C)					
		264.18(b)(1)(ii) (D)					
definitions:	IV A	264.18(b)(2)					
"100-year floodplain"	IV A	264.18(b)(2)(i)					
"washout"	IV A	264.18(b)(2)(ii)					
"100-year flood"	IV A	264.18(b)(2)(iii)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
prohibition of waste in salt domes, salt bed formations, underground mines, and caves	17 E	264.18(c)					

5 CONSTRUCTION QUALITY ASSURANCE PROGRAM

6 CQA program	100	264.19(a)					
required for all surface impoundment, waste pile and landfill units that must comply with 264.221(c)&(d), 264.251(c)&(d), and 264.301(c)&(d); program must ensure constructed unit meets or exceeds all permit design criteria and specifications; program must be developed and implemented under a CQA officer who is a registered professional engineer	100	264.19(a)(1)					
the physical components the CQA program must address	100	264.19(a)(2)					
		264.19(a)(2)(i)					
		264.19(a)(2)(ii)					
		264.19(a)(2)(iii)					
		264.19(a)(2)(iv)					
		264.19(a)(2)(v)					
		264.19(a)(2)(vi)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
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before construction begins, owner/operator must develop a written CQA plan; must identify steps that will be used to monitor and document quality of materials and condition and manner of their installation; what the CQA plan must include:	100	264.19(b)					
identification of applicable units and how they will be constructed	100	264.19(b)(1)					
identification of key CQA plan development and implementation personnel; CQA officer qualifications	100	264.19(b)(2)					
inspection and sampling activities' description; what must be described	100	264.19(b)(3)					
contents of program	100	264.19(c)					
must include observations, inspections, tests, and measurements sufficient to ensure:	100	264.19(c)(1)					
structural stability and integrity of 264.19(a)(2) units	100	264.19(c)(1)(i)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
proper construction according to permit specifications and good engineering practices, and proper installation according to design specifications	100	264.19(c)(1)(ii)					
material conformity with design and other material specifications	100	264.19(c)(1)(iii)					
test fills for compacted soils liners, using full scale compaction methods to ensure liners are constructed to meet specific hydraulic conductivity requirements; compliance verified by in-situ testing on constructed test fill; conditions under which alternate may be accepted	100	264.19(c)(2)					
certification to Regional Administrator before waste received; signed by CQA officer stating that approved CQA plan successfully carried out and units meet specific requirements; 270.30(l)(2)(ii) procedure complete; documentation furnished upon request	100	264.19(d)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:						
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE			
SUBPART C - PREPAREDNESS AND PREVENTION										
APPLICABILITY										
all HW facilities, except as 264.1 provides	*	264.30								
DESIGN AND OPERATION OF FACILITY										
requirements regarding design and operation	IV A	264.31								
REQUIRED EQUIPMENT										
what a facility must be equipped with	*	264.32								
internal communications or alarm	IV A	264.32(a)								
telephone or equivalent	IV A	264.32(b)								
fire extinguishers, fire control equipment, spill control equip- ment, and decontami- nation equipment	IV A	264.32(c)								
water of adequate volume and pressure	IV A	264.32(d)								
TESTING AND MAINTENANCE OF EQUIPMENT										
what equipment must be tested and maintained	IV A	264.33								
ACCESS TO COMMUNICATIONS OR ALARM SYSTEM										
handling hazardous waste--what equipment personnel must have immediate access to	IV A	264.34(a)								

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
what equipment must be immediately available when one employee only	IV A	264.34(b)					
REQUIRED AISLE SPACE							
determination of space between aisles	IV A	264.35					
reserved		264.36					
ARRANGEMENTS WITH LOCAL AUTHORITIES							
specific arrangements which must be made	IV A	264.37(a)					
		264.37(a)(1)					
		264.37(a)(2)					
		264.37(a)(3)					
		264.37(a)(4)					
document refusals to enter into arrangement in operating record	IV A	264.37(b)					
SUBPART D - CONTINGENCY PLAN AND EMERGENCY PROCEDURES							
APPLICABILITY							
applies to all HW facilities, except as 264.1 provides	*	264.50					
PURPOSE AND IMPLEMENTATION OF CONTINGENCY PLAN							
contingency plan required; purpose	IV A	264.51(a)					
when to implement plan	IV A	264.51(b)					
CONTENT OF CONTINGENCY PLAN							
describes actions to take when emergency	IV A	264.52(a)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
relationship to SPCC or other plans	IV A	264.52(b)					
arrangements with local police, fire department, etc.	IV A	264.52(c)					
list names and addresses; keep up to date; listed in order to assume responsibility as alternates	IV A	264.52(d)					
list of emergency equipment at facility	IV A	264.52(e)					
evacuation plan	IV A	264.52(f)					
COPIES OF CONTINGENCY PLAN							
copies of plan and all revisions must be:	*	264.53					
maintained at facility	IV A	264.53(a)					
submitted to local police, fire department, hospitals, etc.	IV A	264.53(b)					
AMENDMENT OF CONTINGENCY PLAN							
when plan must be reviewed and, if necessary, immediately amended:	*	264.54					
facility permit revision	IV A	264.54(a)					
plan fails in an emergency	IV A	264.54(b)					
facility change	IV A	264.54(c)					
list of emergency coordinators changes	IV A	264.54(d)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
7 list of equipment changes	IV A,†54	264.54(e)					
EMERGENCY COORDINATOR							
responsibilities	IV A	264.55					
EMERGENCY PROCEDURES							
procedures for imminent or actual emergency	IV A	264.56(a)					
		264.56(a)(1)					
		264.56(a)(2)					
release, fire, explosion	IV A	264.56(b)					
hazard assessment	IV A	264.56(c)					
report of emergency coordinator's findings	IV A	264.56(d)					
notify local authorities	IV A	264.56(d)(1)					
report to on-scene coordinator or National Response Center coordinator; what the report must include	IV A	264.56(d)(2)					
		264.56(d)(2)(i)					
		264.56(d)(2)(ii)					
		264.56(d)(2)(iii)					
		264.56(d)(2)(iv)					
		264.56(d)(2)(v)					
		264.56(d)(2)(vi)					
measures during emergency	IV A	264.56(e)					
procedures if facility stops operation	IV A	264.56(f)					
treatment, storage, or disposal of material resulting from emergency	IV A	264.56(g)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
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procedures after emergency	IV A	264.56(h)					
		264.56(h)(1)					
		264.56(h)(2)					
notifications prior to resuming operations	IV A	264.56(i)					
operating record information; written report to Regional Administrator	IV A	264.56(j)					
what the report to Regional Administrator must include	IV A	264.56(j)(1)					
		264.56(j)(2)					
		264.56(j)(3)					
		264.56(j)(4)					
		264.56(j)(5)					
		264.56(j)(6)					
		264.56(j)(7)					

SUBPART E - MANIFEST SYSTEM, RECORDKEEPING, AND REPORTING

APPLICABILITY

8	subpart applies to both on- and off-site facilities; exceptions	IV A, 17 D	264.70				
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USE OF MANIFEST SYSTEM

duties of owner or operator when receiving waste accompanied by manifest	IV A	264.71(a)					
		264.71(a)(1)					
		264.71(a)(2)					
		264.71(a)(3)					
		264.71(a)(4)					
		264.71(a)(5)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
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duties of owner or operator when receiving waste accompanied by shipping paper	IV A	264.71(b)					
		264.71(b)(1)					
		264.71(b)(2)					
		264.71(b)(3)					
		264.71(b)(4)					
		264.71(b)(5)					
facility that initiates shipment must comply with 262	*	264.71(c)					
MANIFEST DISCREPANCIES							
definition of manifest discrepancies	IV A	264.72(a)					
		264.72(a)(1)					
		264.72(a)(2)					
actions on discovering a discrepancy	IV A	264.72(b)					
OPERATING RECORD							
written operating record at facility	IV A	264.73(a)					
information which must be recorded:	IV A	264.73(b)					
description and quantity of waste; dates of treatment, storage, or disposal	IV A	264.73(b)(1)					
location of waste and quantity at each location	IV A	264.73(b)(2)					
records and results of waste analyses	IV A, 16, 34, 79, 154.1	264.73(b)(3)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

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reports of incidents which require implementing contingency plan	IV A	264.73(b)(4)					
records and results of inspections	IV A	264.73(b)(5)					
monitoring, testing, analytical data, and corrective action	IV A,28, 45,79, 100, 154.1	264.73(b)(6)					
notices to generators	IV A	264.73(b)(7)					
closure and post- closure cost estimates	IV A	264.73(b)(8)					
annual certification regarding waste minimization	17 D	264.73(b)(9)					
records of hazardous waste placed in land disposal units under extension, petition, or certification; 268.7(a) notice by generator	34,50	264.73(b)(10)					
off-site treatment facility requirements	34,50	264.73(b)(11)					
on-site treatment facility requirements	34,50	264.73(b)(12)					
off-site land disposal facility requirements	34,50	264.73(b)(13)					
on-site land disposal facility requirements	34,50	264.73(b)(14)					
off-site storage facility requirements	50	264.73(b)(15)					
on-site storage facility requirements	50	264.73(b)(16)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
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AVAILABILITY, RETENTION, AND DISPOSITION OF RECORDS							
all records available for inspection	IV A	264.74(a)					
retention period extension under unresolved enforcement action	IV A	264.74(b)					
copy of records to Regional Administrator and local authority at closure	IV A	264.74(c)					
BIENNIAL REPORT							
when to submit, what form, and what must be reported:	IV A,†1	264.75					
EPA identification number	IV A	264.75(a)					
calendar year covered by report	IV A	264.75(b)					
EPA I.D.s of generators; name and address for foreign generators	IV A	264.75(c)					
description and quantity of wastes received	IV A	264.75(d)					
methods of handling	IV A	264.75(e)					
reserved	IV A	264.75(f)					
closure cost estimate; post-closure cost estimate	IV A	264.75(g)					
volume and toxicity reduction efforts	30	264.75(h)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
volume and toxicity reduction achieved	30	264.75(i)					
9 signed certification	IV A,30	264.75(j)					

UNMANIFESTED WASTE REPORT

when an unmanifested report is required; form which must be used; information it must include	IV A,1	264.76					
EPA identification number	IV A	264.76(a)					
date waste received	IV A	264.76(b)					
generator and transporter EPA identification numbers; address and name	IV A	264.76(c)					
description and quantity of unmanifested waste	IV A	264.76(d)					
handling method	IV A	264.76(e)					
signed certification	IV A	264.76(f)					
explanation of why unmanifested	IV A	264.76(g)					

ADDITIONAL REPORTS

what else must be reported to Regional Administrator	*,†1	264.77					
releases, fires, explosions	IV A	264.77(a)					
10 facility closures	IV A	264.77(b)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
as otherwise required by Subparts F, K through N, AA, and BB	*,79, 154.1	264.77(c)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
SUBPART F - RELEASES FROM SOLID WASTE MANAGEMENT UNITS							
APPLICABILITY							
applies to all HW facilities; satisfy requirements of 264.90(a)(2)	IV A, 17 L	264.90(a)(1)					
what each solid waste management unit must comply with	IV A, 17 L	264.90(a)(2)					
exemptions from Subpart F's requirements:	IV A, †17 I	264.90(b)					
exempted by 264.1	IV A, †17 I	264.90(b)(1)					
operates a unit which Regional Administrator finds meets certain requirements	IV A, †17 I	264.90(b)(2)					
		264.90(b)(2)(i)					
		264.90(b)(2)(ii)					
		264.90(b)(2)(iii)					
		264.90(b)(2)(iv)					
		264.90(b)(2)(v)					
		264.90(b)(2)(vi)					
		264.90(b)(2)(vii)					
HW levels not statistically significantly above background levels; unsaturated zone monitoring meets 264.278; only for post-closure care period	IV A, †17 I	264.90(b)(3)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
no potential for migration; certification by qualified geologist or geotechnical engineer	IV A, †17 I	264.90(b)(4)					
12 designs and operates pile in compliance with 264.250(c)	IV A, †17 I	264.90(b)(5)					
requirements under Subpart F apply during active life; after closure:	IV A	264.90(c)					
requirements not apply if all wastes, etc. removed or decontaminated	IV A	264.90(c)(1)					
requirements apply during post-closure if detection monitoring	IV A	264.90(c)(2)					
requirements apply during compliance period if compliance monitoring or corrective action	IV A	264.90(c)(3)					
Subpart F requirements apply to miscellaneous units when necessary to comply with 264.601 through 264.603	45	264.90(d)					
REQUIRED PROGRAMS							
monitoring and response program	IV A	264.91(a)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
when hazardous constituents detected at compliance point; compliance monitoring; "detected" defined	IV A,55	264.91(a)(1)					
corrective action program when ground-water protection standard is exceeded; "exceeded" defined	IV A,55	264.91(a)(2)					
corrective action program when hazardous constituents exceed concentration limits	IV A	264.91(a)(3)					
in other cases detection monitoring instituted	IV A	264.91(a)(4)					
specific elements of monitoring and response program specified in permit	IV A	264.91(b)					
GROUND-WATER PROTECTION STANDARD							
owner must comply with permit conditions designed to ensure that 264.93 hazardous constituents entering ground water not exceed 264.94 concentration limits; ground-water protection standard	IV A,55	264.92					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
HAZARDOUS CONSTITUENTS							
hazardous constituents specified in permit to which 264.92 ground-water protection standard applies; hazardous constituents are identified in 261, Appendix VIII and have been detected in uppermost aquifer	IV A	264.93(a)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
exclusion of Appendix VIII constituents from permit; what Regional Administrator must consider before granting an exemption	IV A	264.93(b)					
		264.93(b)(1)					
		264.93(b)(1)(i)					
		264.93(b)(1)(ii)					
		264.93(b)(1)(iii)					
		264.93(b)(1)(iv)					
		264.93(b)(1)(v)					
		264.93(b)(1)(vi)					
		264.93(b)(1)(vii)					
		264.93(b)(1)(viii)					
		264.93(b)(1)(ix)					
		264.93(b)(2)					
		264.93(b)(2)(i)					
		264.93(b)(2)(ii)					
		264.93(b)(2)(iii)					
		264.93(b)(2)(iv)					
		264.93(b)(2)(v)					
		264.93(b)(2)(vi)					
		264.93(b)(2)(vii)					
		264.93(b)(2)(viii)					
		264.93(b)(2)(ix)					
		264.93(b)(2)(x)					
determination regarding use of ground water around facility; ID of drinking water sources and exempted aquifers under 144.8	IV A	264.93(c)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
CONCENTRATION LIMITS							
Regional Administrator will specify ground-water concentration limits for 264.93 hazardous constituents	IV A	264.94(a)					
not exceed background	IV A	264.94(a)(1)					
not exceed Table 1 constituents	IV A	264.94(a)(2)					
not exceed an alternate limit set by Regional Administrator	IV A	264.94(a)(3)					
factors Regional Administrator will consider for setting alternate limits	IV A	264.94(b)					
potential adverse effects on ground-water quality considering specific factors	IV A	264.94(b)(1)					
		264.94(b)(1)(i)					
		264.94(b)(1)(ii)					
		264.94(b)(1)(iii)					
		264.94(b)(1)(iv)					
		264.94(b)(1)(v)					
		264.94(b)(1)(vi)					
		264.94(b)(1)(vii)					
		264.94(b)(1)(viii)					
		264.94(b)(1)(ix)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
potential adverse effects on hydraulically connected surface-water quality considering specific factors	IV A	264.94(b)(2)					
		264.94(b)(2)(i)					
		264.94(b)(2)(ii)					
		264.94(b)(2)(iii)					
		264.94(b)(2)(iv)					
		264.94(b)(2)(v)					
		264.94(b)(2)(vi)					
		264.94(b)(2)(vii)					
		264.94(b)(2)(viii)					
		264.94(b)(2)(ix)					
		264.94(b)(2)(x)					
in determining use of ground water around facility, Regional Administrator must consider any identification of underground sources of drinking water and exempted aquifers under 144.8	IV A	264.94(c)					
POINT OF COMPLIANCE							
point of compliance specified in permit for 264.92 ground-water protection standard; point of compliance defined	IV A	264.95(a)					
definition of waste management area	IV A	264.95(b)					
		264.95(b)(1)					
		264.95(b)(2)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
COMPLIANCE PERIOD							
compliance period specified in permit for 264.92 ground-water protection standard; definition of compliance period	IV A	264.96(a)					
when compliance period begins	IV A	264.96(b)					
end of period; extension until meet ground-water protection standard of 264.92	IV A	264.96(c)					
GENERAL GROUND-WATER MONITORING REQUIREMENTS							
owner or operator must comply with the following ground- water monitoring program requirements:	*	264.97					
sufficient number of wells installed at appropriate locations and depths that:	IV A	264.97(a)					
represent background quality	IV A,55	264.97(a)(1)					
sample wells not hydraulically upgradient where specific conditions are met	IV A,55	264.97(a)(1)(i)					
		264.97(a)(1)(i)(A)					
		264.97(a)(1)(i)(B)					
represent ground- water quality passing point of compliance	IV A	264.97(a)(2)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
contamination detection when migration to uppermost aquifer	55	264.97(a)(3)					
separate ground- water monitoring units not needed for multiple units if meet certain requirements	IV A	264.97(b)					
well casing requirements	IV A	264.97(c)					
consistent sampling and analysis procedures that are reliable	IV A	264.97(d)					
		264.97(d)(1)					
		264.97(d)(2)					
		264.97(d)(3)					
		264.97(d)(4)					
appropriate and accurate sampling and analysis methods	IV A	264.97(e)					
ground-water surface elevation determination for each sample	IV A	264.97(f)					
detection monitoring, sampling procedures; number and kinds of samples, sample size	IV A,55	264.97(g)					
sequencing of at least four samples; requirements to determine interval between	IV A,55	264.97(g)(1)					
alternate sampling procedure	IV A,55	264.97(g)(2)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
12		264.97(g)(3)					
		264.97(g)(3)(i)					
		264.97(g)(3)(ii)					
removed	IV A,55						
removed	IV A,55	264.97(g)(4)					
specify statistical evaluation methods for ground-water data and specify in permit; requirements for use of listed methods	IV A,55	264.97(h)					
parametric ANOVA followed by multiple comparisons procedures	IV A,55	264.97(h)(1)					
ANOVA based on ranks followed by multiple comparisons procedures	IV A,55	264.97(h)(2)					
tolerance or prediction interval procedure	55	264.97(h)(3)					
control chart approach	55	264.97(h)(4)					
another statistical method approved by Regional Administrator	55	264.97(h)(5)					
performance standards for statistical methods chosen under 264.97(h):	55	264.97(i)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
appropriate for distribution of chemical parameters or hazardous constituents; transformed or distribution-free test	55	264.97(i)(1)					
individual well comparison - 0.01 Type I error; multiple comparisons - 0.05 Type I error, but maintain 0.01 Type I error for individual wells	55	264.97(i)(2)					
for control chart approach, what must be approved by Regional Administrator	55	264.97(i)(3)					
for tolerance or prediction interval, what must be approved by Regional Administrator	55	264.97(i)(4)					
account for data below detection limit and requirements	55	264.97(i)(5)					
procedures to correct or control for seasonal and spatial variability	55	264.97(i)(6)					
maintenance of ground-water monitoring data in facility operating record; when data must be reviewed	55	264.97(j)					

DETECTION MONITORING PROGRAM

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
owner's responsibilities	*	264.98					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
owner or operator must monitor for indicator parameters; Regional Administrator will specify parameters in permit	IV A	264.98(a)					
		264.98(a)(1)					
		264.98(a)(2)					
		264.98(a)(3)					
		264.98(a)(4)					
owner or operator must have ground-water monitoring system at compliance point and comply with 264.97(a)(2), (b) & (c)	IV A	264.98(b)					
ground-water monitoring program for each chemical parameter and hazardous constituent; record of ground-water analytical data	IV A,55	264.98(c)					
Regional Administrator specifies frequency of samples and tests; four well samples per well semi-annually	IV A,55	264.98(d)					
owner must determine ground-water flow rate and direction at least annually	IV A	264.98(e)					
14 determine if statistically significant evidence of contamination	IV A,55	264.98(f)					
13 methods which can be used	IV A,55	264.98(f)(1)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
13 determine evidence of contamination at each monitoring well at compliance point; time period determined and specified in permit by Regional Administrator	IV A,55	264.98(f)(2)					
15 what owner or operator must do if statistically significant evidence of contamination	IV A,55	264.98(g)					
14 notification of Regional Administrator	IV A,55	264.98(g)(1)					
14 immediate determination if 264, Appendix IX constituents are in ground water	IV A,40,55	264.98(g)(2)					
14 for constituents found, resample in one month; if confirmed, form basis of compliance monitoring; if no resample - initial analysis is basis	IV A,40,55	264.98(g)(3)					
application for permit modification	IV A,55	264.98(g)(4)					
14 identification of 16 Appendix IX constituent concentration	IV A,40,55	264.98(g)(4)(i)					
14 proposed changes to ground-water monitoring system	IV A,55	264.98(g)(4)(ii)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
14 proposed additions or changes to monitoring frequency	IV A,55	264.98(g)(4)(iii)					
14 proposed concentration limit or notice of intent for alternate concentration limit	IV A,55	264.98(g)(4)(iv)					
14 what must be submitted within 180 days	IV A,55	264.98(g)(5)					
14 data to justify alternate concentration limit	IV A,55	264.98(g)(5)(i)					
14 engineering feasibility plan for corrective action	IV A,55	264.98(g)(5)(ii)					
14 concentration of 264.98(g)(2) constituents does not exceed values of Table 1, 264.94	IV A,55	264.98(g)(5)(ii)(A)					
14 alternate concentration limit	IV A,55	264.98(g)(5)(ii)(B)					
demonstration that a source other than regulated unit caused contamination	55	264.98(g)(6)					
notify Regional Administrator of intent to submit demonstration	55	264.98(g)(6)(i)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
within 90 days, report demonstrating that another source caused contamination or there was an error in sampling, analysis or evaluation	55	264.98(g)(6)(ii)					
within 90 days, application for permit modification	55	264.98(g)(6)(iii)					
continue to monitor according to detection monitoring program	55	264.98(g)(6)(iv)					
17 what must be done if detection monitoring program no longer satisfies requirements	IV A,55	264.98(h)					
removed	IV A,55	264.98(i)					
16 removed	IV A,55	264.98(j)					
removed	IV A,55	264.98(k)					
COMPLIANCE MONITORING PROGRAM							
owner or operator responsibilities:	*	264.99					
monitor ground water to determine if in compliance with 264.92; Regional Administrator specifies ground-water protection standard in the facility permit	IV A	264.99(a)					
		264.99(a)(1)					
		264.99(a)(2)					
		264.99(a)(3)					
		264.99(a)(4)					
ground-water monitoring system at compliance point; what it must comply with	IV A	264.99(b)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
Regional Administrator specifies procedures and statistical methods	IV A,55	264.99(c)					
sampling program for each chemical parameter or hazardous constituent	IV A,55	264.99(c)(1)					
record of ground-water analytical data	IV A,55	264.99(c)(2)					
18 statistical evidence of increased contamination of any chemical parameter or hazardous constituent	IV A,55	264.99(d)					
18 method(s) to determine statistically significant evidence of increased contamination	55	264.99(d)(1)					
18 within reasonable time period, determine if statistically significant evidence of increased contamination at each monitoring well at compliance point	55	264.99(d)(2)					
determine flow rate and direction	IV A	264.99(e)					
19 Regional Administrator specification of sample and test frequencies; four samples per well semi-annually	IV A,40, 55	264.99(f)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
20 annual analysis at each well's compliance point for all 264, Appendix IX constituents; procedures regarding new constituents not in permit	IV A,40,55	264.99(g)					
21 actions when constituents exceeded 264.94 limits	IV A,55	264.99(h)					
	IV A	264.99(h)(1)					
		264.99(h)(2)					
		264.99(h)(2)(i)					
		264.99(h)(2)(ii)					
22 demonstration that increase due to other sources; what must be done	IV A,55	264.99(i)					
	IV A	264.99(i)(1)					
		264.99(i)(2)					
		264.99(i)(3)					
		264.99(i)(4)					
23 permit modification when compliance monitoring no longer satisfies 264.99	IV A,55	264.99(j)					
19 removed	IV A,55	264.99(k)					
removed	IV A,55	264.99(l)					
CORRECTIVE ACTION PROGRAM							
owner or operator responsibilities	*	264.100					
take corrective action to assure compliance with 264.92 standard; standards set in permit	IV A	264.100(a)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
list of hazardous constituents	IV A	264.100(a)(1)					
concentration limits	IV A	264.100(a)(2)					
compliance point	IV A	264.100(a)(3)					
compliance period	IV A	264.100(a)(4)					
implement corrective action program to prevent hazardous constituents from exceeding limits; specific measures set in permit	IV A	264.100(b)					
permit States time to begin corrective action; requirements in lieu of 264.99(i)(2)	IV A	264.100(c)					
ground-water monitoring program to demonstrate effectiveness of corrective action	IV A	264.100(d)					
corrective action to remove or treat in place hazardous constituents exceeding 264.94 limits	IV A, 44 B	264.100(e)					
compliance point, downgradient property boundary	44 B	264.100(e)(1)					
release beyond facility boundaries	44 B	264.100(e)(2)					
24 corrective action measure must be completed within reasonable period	IV A, 44 B	264.100(e)(3)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
20 when corrective action can be terminated	IV A, 44 B	264.100(e)(4)					
period of corrective action	IV A	264.100(f)					
report in writing on effectiveness of corrective action; submit semiannually	IV A	264.100(g)					
permit modification if corrective action program no longer satisfies 264.100	IV A	264.100(h)					
CORRECTIVE ACTION FOR SOLID WASTE MANAGEMENT UNITS							
if seeking permit, institute corrective action to protect health and environment from hazardous waste releases	17 L	264.101(a)					
corrective action specified in permit in accordance with this section and subpart S of this part; schedule of compliance and financial responsibility	17 L, †121	264.101(b)					
corrective action beyond facility boundaries	44 B	264.101(c)					
SUBPART G - CLOSURE AND POST-CLOSURE							
APPLICABILITY							
except as 264.1 provides otherwise:	*	264.110					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
264.111 through 264.115 apply to all owners and operators of all hazardous waste management facilities	IV A,24	264.110(a)					
264.116 through 264.120 apply to all owners and operators of:	IV A,24	264.110(b)					
all hazardous waste disposal facilities	IV A,24, 109	264.110(b)(1)					
waste piles and surface impoundments from which wastes are removed at closure	IV A,24, 109	264.110(b)(2)					
tank systems required under 264.197 to meet landfill requirements	28,109	264.110(b)(3)					
containment buildings required under 264.1102 to meet the requirements for landfills	109	264.110(b)(4)					
CLOSURE PERFORMANCE STANDARD							
manner of closing	*	264.111					
minimizes further maintenance	IV A,24	264.111(a)					
controls, minimizes, or eliminates post- closure escape	IV A,24	264.111(b)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
complies with requirements of Subpart G plus specific sections of 264	24,45,109	264.111(c)					
CLOSURE PLAN; AMENDMENT OF PLAN							
written plan required; contingent closure plans; submitted with permit; condition of permit	IV A,†24	264.112(a)(1)					
what the approved closure plan must be consistent with; furnished on request	IV A,†24,45,109	264.112(a)(2)					
removed	IV A,†24	264.112(a)(3)					
removed	IV A,†24	264.112(a)(4)					
content of plan	IV A,24	264.112(b)					
how each HW management unit will be closed	24	264.112(b)(1)					
final closure/maximum extent of facility not closed during active life	24	264.112(b)(2)					
maximum inventory of hazardous waste ever on site over active life	24	264.112(b)(3)					
description of steps needed to remove or decontaminate all residues/equipment	24	264.112(b)(4)					
other activities to assure closure	24	264.112(b)(5)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
schedule for closure for each unit; what schedule must include	24	264.112(b)(6)					
estimate year of final closure for facilities using trust funds for financial assurance	†24	264.112(b)(7)					
amendment of plan	IV A,24, †54	264.112(c)					
written request prior to notification of partial or final closure	24,†54	264.112(c)(1)					
required written request when:	24,†54	264.112(c)(2)					
changes affect closure plan	24	264.112(c)(2)(i)					
change in expected year of closure	24	264.112(c)(2)(ii)					
unexpected events	24	264.112(c)(2)(iii)					
submit written request 60 days prior to change; 60 days after unexpected event if during partial or final closure; surface impoundment and waste piles special requirements	24	264.112(c)(3)					
Regional Administrator may request modification; procedures	24	264.112(c)(4)					

†,25 Notification of Partial and Final Closure

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
26 procedures and requirements for notification of partial and final closure	24,85	264.112(d)(1)					
		264.112(d)(2)					
	24,†64	264.112(d)(2)(i)					
	†64	264.112(d)(2)(ii)					
	24	264.112(d)(3)					
† remove wastes; decontaminate and dismantle equipment	24	264.112(e)					
27 CLOSURE; TIME ALLOWED FOR CLOSURE							
treat, remove, or dispose of all hazardous wastes within 90 days of receipt of final volume of hazardous waste, or final volume of non-hazardous waste	IV A,24, †64	264.113(a)					
modification and demonstration requirements for extending period	IV A,24	264.113(a)(1)(i)					
	IV A,24, †64	264.113(a)(1)(ii) (A)					
		264.113(a)(1)(ii) (B)					
		264.113(a)(1)(ii) (C)					
	IV A,24	264.113(a)(2)					
complete partial or final closure within 180 days of receiving final volume	IV A,24, †64	264.113(b)					
modification and demonstration requirements for extending closure period	IV A,24	264.113(b)(1)(i)					
	IV A,24, †64	264.113(b)(1)(ii) (A)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
	IV A,24	264.113(b)(1)(ii) (B)					
		264.113(b)(1)(ii) (C)					
		264.113(b)(2)					
how 264.113(a)(1) & (b)(1) demonstrations must be made	24,†64	264.113(c)					
		264.113(c)(1)					
		264.113(c)(2)					

†,21 Nonhazardous Waste Receipt Conditions

receive only non- hazardous wastes after the final receipt of hazardous wastes at specified units	64	264.113(d)					
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CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
permit modification requirements	64	264.113(d)(1)					
		264.113(d)(1)(i)					
		264.113(d)(1)(ii)					
		264.113(d)(1)(iii)					
		264.113(d)(1)(iv)					
		264.113(d)(1)(v)					
		264.113(d)(2)					
		264.113(d)(3)					
		264.113(d)(4)					

†,21 Additional Requirements for Surface Impoundments

special requirements for surface impoundments not in compliance with liner and leachate collection system requirements	64	264.113(e)					
plans which must be submitted with request to modify permit	64	264.113(e)(1)					
		264.113(e)(1)(i)					
		264.113(e)(1)(ii)					
remove all hazardous wastes	64	264.113(e)(2)					
removal within 90 days; extension	64	264.113(e)(3)					
actions to be taken if a release is detected	64	264.113(e)(4)					
		264.113(e)(4)(i)					
		264.113(e)(4)(ii)					
		264.113(e)(4)(iii)					
semi-annual reports	64	264.113(e)(5)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
conditions under which Regional Administrator may require closure	64	264.113(e)(6)					
actions to be taken if owner or operator fails to implement corrective measures or if no substantial progress pursuant to 264.113(e)(6) has been made	64	264.113(e)(7)					
		264.113(e)(7)(i)					
		264.113(e)(7)(ii)					
		264.113(e)(7)(iii)					
		264.113(e)(7)(iv)					
		264.113(e)(7)(v)					

DISPOSAL OR DECONTAMINATION OF EQUIPMENT, STRUCTURES AND SOILS

28 disposal and decontamination requirements during closure; 262 generator requirements	IV A,24, 45,52	264.114					
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CERTIFICATION OF CLOSURE

certification requirements at closure; required signatures; documentation upon request	IV A,24	264.115					
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SURVEY PLAT

survey plat requirements	24	264.116					
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POST-CLOSURE CARE AND USE OF PROPERTY

continue care for 30 years	IV A,24	264.117(a)(1)					
monitoring and reporting requirements	IV A,24, 45	264.117(a)(1)(i)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
maintenance and monitoring for waste containment systems	IV A,24, 45	264.117(a)(1)(ii)					
reduction or extension of time period for post-closure care by Regional Administrator	IV A,24	264.117(a)(2)					
		264.117(a)(2)(i)					
		264.117(a)(2)(ii)					
conditions for continuation of security requirements of 265.14	IV A,24	264.117(b)					
		264.117(b)(1)					
		264.117(b)(2)					
limits on post-closure use of property; exceptions	IV A,24	264.117(c)					
		264.117(c)(1)					
		264.117(c)(2)					
post-closure activities in accordance with plan as specified in 264.118	IV A,24	264.117(d)					
POST-CLOSURE PLAN; AMENDMENT OF PLAN							
written post-closure plan; contingent plans; condition of RCRA permit	IV A,24	264.118(a)					
29 activities specified in post-closure plan and their frequency	IV A,24	264.118(b)					
25 monitoring activities and their frequency	IV A,24, 45	264.118(b)(1)					
25 maintenance activities and their frequency	IV A,24	264.118(b)(2)					
25 integrity of cap and final cover	IV A,24, 45	264.118(b)(2)(i)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
25 function of monitoring equipment	IV A,24, 45	264.118(b)(2)(ii)					
25 person or office to 30 contact	IV A,24	264.118(b)(3)					
26 availability and retention of plan	IV A,24	264.118(c)					
31 written notification of or request for modification of plan	IV A,24, †54	264.118(d)					
notification or request may be made at any time	24,†54	264.118(d)(1)					
must submit written request whenever:	24,†54	264.118(d)(2)					
changes that affect plan	24	264.118(d)(2)(i)					
change in expected closure year	24	264.118(d)(2)(ii)					
events affecting plan	24	264.118(d)(2)(iii)					
timing of modification request; submittal of post-closure plan	24	264.118(d)(3)					
Regional Administrator's request for modifications	24	264.118(d)(4)					
POST-CLOSURE NOTICES							
32 record of type, location and quantity of HW	IV A,24	264.119(a)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
					EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
33	requirement to enter note on deed; survey plan; submit certification	IV A,24	264.119(b)					
			264.119(b)(1)					
			264.119(b)(1)(i)					
			264.119(b)(1)(ii)					
			264.119(b)(1)(iii)					
			264.119(b)(2)					
34	modification to remove hazardous wastes; criteria of 264.117(c); removal of notation; addition of notation	IV A,24	264.119(c)					
			264.119(c)(1)					
			264.119(c)(2)					
CERTIFICATION OF COMPLETION OF POST-CLOSURE CARE								
35	completion of post- closure period	24	264.120					
29, 30	removed		264.120(a)					
			264.120(a)(1)-(3)					
			264.120(b)					

- ¹ The May 3, 1993 final rule (58 FR 26420; Revision Checklist 122) inadvertently removed a correction made by the August 25, 1992 Federal Register (57 FR 38558, Revision Checklist 111). The August 25, 1992 rule changed "subparts C, D, F, or G" to "subparts C, F, G, or H"; the May 3, 1993 rule listed the old version of these internal references. The correct reference is "subparts C, F, G, or H", as shown in the August 25, 1992 rule.
- ² States should adopt 264.1(g)(11)(i)-(iii) as appropriate to reflect the universal wastes adopted. See the rule for Checklists 142 A-D (60 FR 25492; May 11, 1995).
- ³ Note that the comment following 264.3 remains unchanged by Revision Checklist 121 (58 FR 8658; February 16, 1993).
- ⁴ The August 14, 1989 rule (54 FR 33376, Revision Checklist 64) amended the first sentence of 264.13(a)(1). However, because of a misinterpretation of the codification instructions, the second sentence of the provisions at this citation was omitted from the 1990 and 1991 CFRs. Revision Checklist 102 (57 FR 8086; March 6, 1992) corrects the error by restoring the mistakenly deleted language.

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

- ⁵ Section 264.19 is considered to be both a HSWA and a Non-HSWA provision by Revision Checklist 100. It is Non-HSWA only to the extent that it applies to the final cover requirements for the Construction Quality Assurance Program.
- ⁶ Note that there is a typographical error in the Federal Register addressed by Revision Checklist 100 (57 FR 3462; January 29, 1992); "COA" should be "CQA."
- ⁷ Revision Checklist 54 removed the comment following 264.54(e).
- ⁸ According to Revision Checklist 17, the internal reference 264.73(b) should be 264.73(b)(9). (FR 28734)
- ⁹ This requirement was moved from 264.75(h) to 264.75(j) by Revision Checklist 30.
- ¹⁰ Checklist IV A shows this text as 264.77(c), but the July 1, 1983 CFR shows it as 264.77(b).
- ¹¹ This paragraph was totally revised by Revision Checklist 17 I.
- ¹² In Checklist IV A, this text was included in 264.90(b)(2).
- ¹³ Revision Checklist 55 moved text from 264.97(g)(3) to 264.97(a)(1)(i).
- ¹⁴ Revision Checklist 55 moved this text from 264.98(g) to 264.98(f).
- ¹⁵ Original 264.98(g) text from Checklist IV A was moved to 264.98(f) by Revision Checklist 55. The present 264.98(g) is a revised version of 264.98(h) as found in Checklist IV A. Checklist 55 made this change. Subparagraph 264.98(g)(6) was added by this checklist as well.
- ¹⁶ There is a typographical error in the Federal code for this subparagraph: "concentration or any" should be "concentration of any."
- ¹⁷ In Checklist IV A, this paragraph was designated 264.98(j). Revision Checklist 55 redesignated it as 264.98(h) and moved the former (h), as introduced by Checklist IV A, to 264.98(g).
- ¹⁸ In the base, these provisions were at 264.99(h)(1) and (2).
- ¹⁹ Even though the instructions for the CL 55 state otherwise, the primary was added by Revision Checklist 55. The basic program (f) was moved to (g).
- ²⁰ In the base, and in Revision Checklist 40, the program was at 264.99(f). The base program 264.99(g) was moved by Revision Checklist 55.
- ²¹ Revision Checklist 55 deleted the old 264.99(h) from Checklist IV A and redesignated 264.99(i) as 264.99(h).
- ²² Revision Checklist 55 moved the old 264.99(j) of Checklist IV A to 264.99(i).
- ²³ Revision Checklist 55 moved the old 264.99(k) of Checklist IV A to 264.99(j).

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts A-G, as of June 30, 1995 (cont'd)

- 24 These paragraphs were originally 264.100(e)(1) and 264.100(e)(2), but Revision Checklist 44 B redesignated them as 264.100(e)(3) and 264.100(e)(4).
- 25 Citations within the double lines are optional, but if a State chooses to modify its program to adopt requirements equivalent to these provisions, it must adopt such requirements as a unit rather than by individual provision. In other words, all or none of these provisions must be included in a State's code. Subsequent changes to these provisions may or may not be optional for States that have chosen to adopt the optional unit of provisions. An optional sign appears in front of the subsequent revision checklist number(s) if such subsequent changes are less stringent than or reduce the scope of the unit's requirements.
- 26 Revision Checklist 64 redesignated a portion of 264.112(d)(2), introduced into the code by Revision Checklist 24, as 264.112(d)(2)(i).
- 27 264.113 was erroneously designated as optional by the May 2, 1986 rule (51 FR 16422). The June 26, 1990 amendment (55 FR 25976) corrected this error.
- 28 Note the Federal Register addressed by Revision Checklist 52 (53 FR 34079; September 2, 1988) incorrectly omits the changes to 264.114 made by Revision Checklist 45 at 53 FR 46946 (December 10, 1987). This error is still reflected in the July 1, 1995 CFR.
- 29 Revision Checklist 24 moved text from 264.118(a)(1)-(3) in Checklist IV A to 264.118(b)(1)-(3).
- 30 Part of the current text in 264.118(c) was introduced by Revision Checklist 24 while the remainder reflects the content of portions of 264.118(b)(3) in the base program.
- 31 Most of 264.118(d), including all subparagraphs, is code introduced by Checklist 24. The introductory paragraph of 264.118(d), however, corresponds roughly to 264.118(c) in Checklist IV A.
- 32 Revision Checklist 24 extensively revised 264.119 as per Checklist IV A, including a new section title. The original code contained no subparagraphs.
- 33 Text from 264.120(a) in Checklist IV A was moved to 264.119(b)(1) and (b)(1)(i)-(iii) by Revision Checklist 24.
- 34 Text from 264.120(b) in Checklist IV A was moved to 264.119(c) by Revision Checklist 24.
- 35 The current text of 264.120 was introduced by Revision Checklist 24 whereas the original text of 264.120, as per Checklist IV A, was moved to 264.119(b) and (c) by Checklist 24.